

Photo and Graphic Sequence Evaluation:
How To Knit

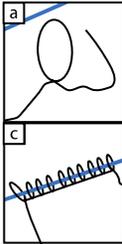
Usability Testing Report by Courtney Smith



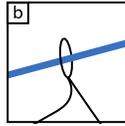
How to Knit



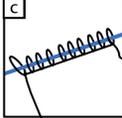
1



Form a loop

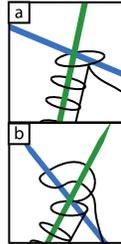


Slide the loop on to needle 1

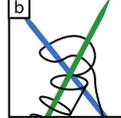


Slide more loops onto the needle until desired width

2

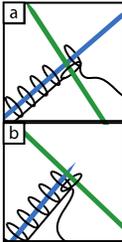


Slip needle 2 through the back of the first stitch on the end of the needle 1

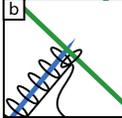


Wrap the yarn around the back of needle 2 and between the needles

3

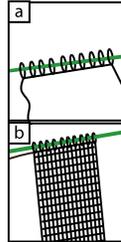


Move needle 2 down and in front of needle 1

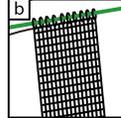


Pull needle 2 so that the stitch falls off needle 1

4

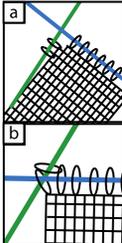


Knit until there are no longer stitches left on needle 1 which now becomes needle 2 (as detailed in steps 2 and 3)

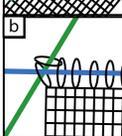


Knit each row until desired length (as detailed in steps 2 through 4a)

5

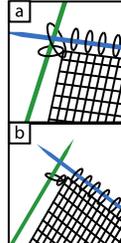


Knit two stitches onto needle 2 (as detailed in steps 2 and 3)

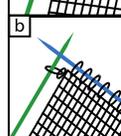


Loop needle 1 into the stitch farther back

6

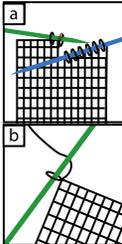


Pull the back stitch forward over the front stitch

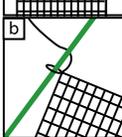


Let the stitch fall off both needles

7

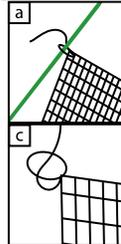


Knit one stitch onto needle 2 (as detailed in steps 2 and 3)

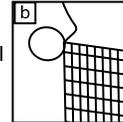


Continue casting off until one stitch is left (as detailed in steps 5b through 7a)

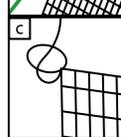
8



Cut the yarn so that a 3 inch tail remains



Remove the final stitch from the needle



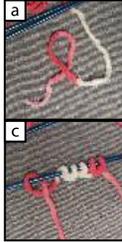
Pull the tail through the loop until a tight knot has formed



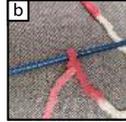
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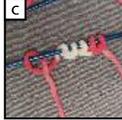
1



Form a loop

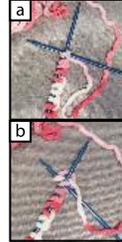


Slide the loop on to needle 1

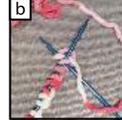


Slide more loops onto the needle until desired width

2

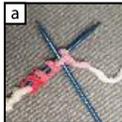


Slip needle 2 through the back of the first stitch on the end of the needle 1

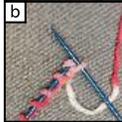


Wrap the yarn around the back of needle 2 and between the needles

3

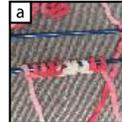


Move needle 2 down and in front of needle 1

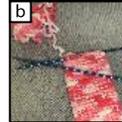


Pull needle 2 so that the stitch falls off needle 1

4

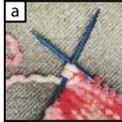


Knit until there are no longer stitches left on needle 1 (as detailed in steps 2 and 3)

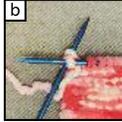


Knit each row until desired length (as detailed in steps 2 through 4a)

5

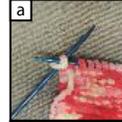


Knit two stitches onto needle 2 (as detailed in steps 2 and 3)

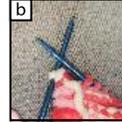


Loop needle 1 into the stitch farther back

6

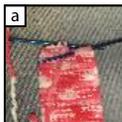


Pull the back stitch forward over the front stitch

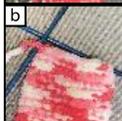


Let the stitch fall off both needles

7



Knit one stitch onto needle 2 (as detailed in steps 2 and 3)

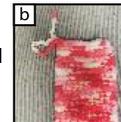


Continue casting off until one stitch is left (as detailed in steps 5b through 7a)

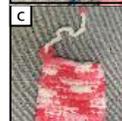
8



Cut the yarn so that a 3 inch tail remains



Remove the final stitch from the needle



Pull the tail through the loop until a tight knot has formed

Test 1

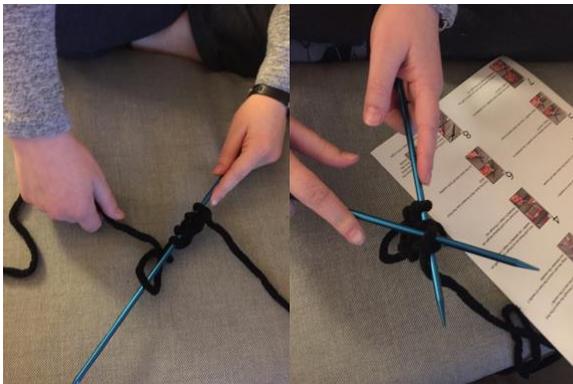
Section 1: Participant 1

Participant 1 is kind of familiar with my procedure, knitting, and when asked they would consider themselves a novice at performing it. They have been in the room while I was knitting but have no clue how to do it themselves. For the purpose of this usability test the user used the photo sequence instructions to perform the procedure.

After the usability test the participant would say that they are still a novice.

There were many observations that I made while user testing that had to do with little details that I do automatically because I have been knitting for so long. I no longer think about which hand to hold each needle in or how tight my stitches are. During this user test I really observed how having those things that I no longer think about could improve the instructions.

Section 2: User Photos



Test 2

Section 1: Participant 2

Participant 2 is not familiar with my procedure, knitting, and when asked they would consider themselves a novice at performing it. For the purpose of this usability test the user used the graphics sequence instructions to perform the procedure.

After the usability test the participant would say that they have a little experience and could do it with slight guidance.

It was very hard for me to restrain from guiding the user through the experience. They needed to be able to do the process based off of my printed guide and not walking them through it allowed me to see the holes in my process. I was unable to refrain myself from exclaiming yes when they did the step as described which actually helped them understand the process better because they felt encouraged.

Section 2: User Photos



Test 3

Section 1: Participant 3

Participant 3 is kind of familiar with my procedure, knitting, and when asked they would consider themselves as having a little experience at performing it. For the purpose of this usability test the user used the graphics sequence instructions to perform the procedure.

After the usability test the participant would say that they comfortable with the procedure.

During this user test I observed how difficult it could be for the user to distinguish between stitches. Using a single colored very uniform yarn can make it hard for a beginner to know which stitch they are into and out of during the intricate 2nd and 3rd steps.

Section 2: User Photos



Overall

Section 3: Strengths and Weaknesses

The strengths of the photo sequence that came through during user testing were being able to distinguish between the needles, knowing which stitches were on which needles, and seeing how the finished product is meant to look at each step of the way. The weaknesses of the photo sequence that came through during user testing were the graphics not quite being clear enough to see where the yarn went in the more intricate 2nd and 3rd steps, not having very clear 'what you need photos', and the organization of the steps being hard to follow. The strengths of the graphic sequence that came through during user testing were the user being able to follow which needle was needle one and which was needle two, the simplicity of the overall visual, and the ability of the user to distinguish where the yarn goes in the intricate 2nd and 3rd steps. The weaknesses of the graphic sequence that came through during user testing were the user not knowing which direction to move the needle when forming a stitch, not detailing how to form the loops in the 1st step, and not knowing if the user needed to go into the top of the stitch or the bottom of the stitch when using both needles.

Section 4: Plans for the future

My plan for going forward is to complete over all the organization. The steps are currently squished together and it is hard to know if you should be following the steps left to right or up and down. I am going to use more than one page so that there is more space per step so that the only option is for the user to read straight down. I am also going to make certain steps more detailed as to include the details that I did not think of before user testing such as which hand to hold each needle in. For the graphics, I am going to differentiate to colors of the needles more than they currently. For the photos, I am going to work on getting a smaller file without compromising the quality of the photos.